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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/773,795
				Filing Date	February 6, 2004
				First Named Inventor	PRUSINER, STANLEY B.
				Group Art Unit	1642
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	UCAL-062CON2

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

[illegible]

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MH		ROBAKIS et al., "Isolation of a cDNA clone encoding the leader peptide of prion protein and expression of the homologous gene in various tissues" <i>Proc. Natl. Acad. Sci. USA</i> , 83:6377-6381 (September 1986)	

Examiner Signature	/Michelle Horning/	Date Considered	09/11/2006
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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SUPPLEMENTAL INFORMATION DISCLOSURE CITATION (000261000000/ OF 10) <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. UCAL-062CON		SERIAL NO. 09/829,507	
				APPLICANT Stanley B. Prusiner et al.			
				FILING DATE April 9, 2001		GROUP 1646	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
MH	AA	WO 00/26238	05/11/2000	PCT			Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Attorney Docket

06510/062CON

First Named Inventor

Stanley B. Prusiner

Application Number

09/829,507

Filing Date

April 9, 2001

Group Art Unit

1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MH	AA	5,182,366	01/26/93	Huebner et al.			
	AB	5,387,746	02/07/95	Whitsett			
	AC	5,420,246	05/30/95	Rutter et al.			
	AD	5,552,381	02/28/96	Atkinson			
	AE	5,565,186	10/15/96	Prusiner et al.			
	AF	5,605,691	09/29/93	Carroll			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AG	WO 93/10277	05/27/93	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

	AH	Brown et al., "Prion protein-deficient cells show altered response to oxidative stress due to decreased SOD-1 activity," <i>Experimental Neurology</i> 146:104-112 (1997)
	AJ	Büeler, H., et al "Normal development of mice lacking the neuronal cell-surface PrP protein" <i>Nature</i> 356, 577-582 (1992)
	AK	Capecchi, M.R., "Site directed mutagenesis by gene targeting in mouse embryo derived stem cells," <i>Cell</i> 51:503-512 (1987)
	AL	B.W. Caughey, et al., "Secondary structure analysis of the scrapie-associated protein PrP 27-30 in water by infrared spectroscopy," <i>Biochemistry</i> 30, 7672-7680 (1991)
	AM	B. Caughey, et al., "Aggregates of scrapie-associated prion protein induce the cell-free conversion of protease-sensitive prion protein to the protease-resistant state," <i>J. Chem. Biol.</i> 2, 807-817 (1995)
	AN	Chazot, et al., "New variant of Creutzfeldt-Jacob disease in a 26-year old French man," <i>Lancet</i> 347:1181 (1996)
	AO	F.E. Cohen, et al., "Structural clues to prion replication," <i>Science</i> 264:530-531 (1994)
	AP	M. Fischer, et al., "Prion protein (PrP) with amino-proximal deletions restoring susceptibility of PrP knockout mice to scrapie," <i>EMBO J.</i> 15:1255-64.
	AQ	R. Gabizon, et al., "Properties of scrapie prion protein liposomes," <i>J. Biol. Chem.</i> 263:4950-4955 (1988)
	AR	Gabriel et al., "Molecular cloning of a candidate chicken prion protein," <i>Proc. Natl. Acad. Sci. USA</i> 89:9097-9101 (1992)
↓	AS	M. Gasset, et al., "Predicted α -helical regions of the prion protein when synthesized as peptides form amyloid," <i>Proc. Natl. Acad. Sci. USA</i> 89:10940-10944 (1992)

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DATE CONSIDERED 09/11/2006

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Substitute Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket	06510/062CON
	First Named Inventor	Stanley B. Prusiner
	Application Number	09/829,507
	Filing Date	April 9, 2001
	Group Art Unit	1646

MH	AT	M. Gasset, et al., "Perturbation of the secondary structure of the scrapie prion protein under conditions that alter infectivity," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :1-5 (1993)
	AU	D.A. Kocisko, et al., "Cell-free formation of protease-resistant prion protein," <i>Nature</i> <u>370</u> , 471-474 (1994)
	AV	Harlow et al., <i>Antibodies: A Laboratory Manual</i> , Cold Spring Harbor Laboratory pp. 148-155 (1988)
	AW	J.W. Herms et al., "Patch clamp analysis of synaptic transmission to cerebellar Purinje cells of prion protein knockout mice," <i>Eur. J. Neuroscience</i> <u>7</u> :2508-2512 (1995) (Abstract)
	AX	Z. Huang, et al., "Proposed three-dimensional structure for the cellular prion protein," <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :7139-7143 (1994)
	AY	Z. Huang, et al., "Scrapie prions: a three-dimensional model of an infectious fragment," <i>Folding & Design</i> <u>1</u> :13-19 (1996)
	AZ	C. Loch, et al., "Molecular cloning and complete sequence of prion protein cDNA from mouse brain infected with the scrapie agent," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> : 6372-6276 (1986)
	BA	I. Mehlhorn, et al., "High-level expression and characterization of a purified 152-residue polypeptide of the prion protein," <i>Biochemistry</i> <u>35</u> :5528-5537 (1996)
	BB	R.K. Meyer, et al., "Separation and properties of cellular and scrapie prion proteins," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> :2310-2314 (1986)
	BC	J. Nguyen, et al., "Prion protein peptides induce α -helix to β -sheet conformational transitions," <i>Biochemistry</i> <u>34</u> :4186-4192 (1995)
	BD	K.M. Pan, et al., "Conversion of α -helices into β -sheets features in the formation of the scrapie prion proteins," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10962-10966 (1993)
	BE	S.B. Prusiner, et al., "Further purification and characterization of scrapie-prions," <i>Biochemistry</i> <u>21</u> :6942-6950 (1982)
	BF	S.B. Prusiner, et al., "Scrapie prions aggregate to form amyloid-like birefringent rods," <i>Cell</i> <u>35</u> :349-358 (1983)
	BG	S.B. Prusiner, et al., "Purification and structural studies of a major scrapie prion protein," <i>Cell</i> <u>38</u> :127-134 (1984)
	BH	S.B. Prusiner et al., <i>Science</i> Vol. 252, pp. 1515-1522 (June 14, 1991)
	BI	S.B. Prusiner et al., "Ablation of the prion protein (PrP) gene in mice prevents scrapie and facilitates production of anti-PrP antibodies," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10608-10612 (1993)
	BJ	R. Riek, et al., "NMR structure of the mouse prion protein domain PrP(121-231)," <i>Nature</i> <u>382</u> :180-182 (1996)
	BK	M. Rogers, et al., "Epitope mapping of the syrian hamster prion protein utilizing chimeric and mutant genes in a vaccinia virus expression system," <i>J. Immunol.</i> <u>147</u> :3568-3574 (1991)
	BL	M. Rogers, et al., "Conversion of truncated and elongated prion proteins into the scrapie isoform in cultured cells," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :3182-3186 (1993)
	BM	Sauer et al., <i>Proc. Natl. Acad. Sci. USA</i> , <u>85</u> :5166-5170 (July 1988)
	BN	Sauer et al., <i>The New Biologist</i> , Vol. 2, 441-449 (May 1990)
	BO	J. Safar, et al., "Conformational transitions, dissociation, and unfolding of scrapie amyloid (prion) protein," <i>J. Biol. Chem.</i> <u>268</u> :20276-20284 (1993).
	BP	M. Scott, et al., "Prion protein gene expression in cultured cells," <i>Protein Engineering</i> <u>2</u> :69-76 (1988)
	BQ	M.R. Scott, et al., "Chimeric prion protein expression in cultured cells and transgenic mice," <i>Protein Sci.</i> <u>1</u> :986-997 (1992)
↓	BR	Shigematsu et al., <i>J. Biol Chem</i> <u>267</u> (30):21329-37 (October 25, 1992)

EXAMINER	/Michelle Horning/	DATE CONSIDERED	09/11/2006
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06510/062CON

First Named Inventor

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April 9, 2001

Group Art Unit

1646

MH	BS	N. Stahl, et al., "Scrapie prion protein contains a phosphatidylinositol glycolipid," <i>Cell</i> <u>51</u> :229-240 (1987)
	BT	Strandberg et al., <i>Appl. Environ. Microbiol.</i> <u>57</u> (6):1669-74 (June 1991)
	BU	Tagliavini et al., <i>Biochemical & Biophysical Research Communications</i> Vol. 184, pp. 1398-1404 (May 15, 1992)
	BV	A. Taraboulos, et al., "Acquisition of protease resistance by prion proteins in scrapie-infected cells does not require asparagine-linked glycosylation," <i>Proc. Natl. Acad. Sci. USA</i> <u>87</u> : 8262-6.
	BW	A. Taraboulos, et al., "Cholesterol depletion and modification of COOH-terminal targeting sequence of the prion protein inhibit formation of the scrapie isoform," <i>J. Cell Biol.</i> <u>129</u> :121-132 (1995)
	BX	E. Turk, et al., "Purification and properties of the cellular and scrapie hamster prion proteins," <i>Eur. J. Biochem.</i> <u>176</u> :21-30 (1988)
	BY	R.G. Will, et al., "New variant of Creutzfeldt-Jacob disease in the UK," <i>Lancet</i> <u>347</u> , 921-925 (1996)
	BZ	R.A. Williamson, et al., "Circumventing tolerance to generate autologous monoclonal antibodies to the prion protein," <i>Proc. Natl. Acad. Sci. USA</i> <u>93</u> :7279-7282 (1996)
	CA	C.S. Yost, et al., "Non-hydrophobic extracytoplasmic determinant of stop transfer in the prion protein," <i>Nature</i> <u>343</u> :669-672 (1990)
	CB	Zhang et al., <i>J. Biol. Chem.</i> <u>269</u> (45):27799-27802 (November 11, 1994)
↓	CC	H. Zhang, et al., "Conformational transitions in peptides containing two putative α -helices of the prion protein," <i>J. Mol. Biol.</i> <u>250</u> :514-526 (1995)

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